

**In the Claims:**

1. (Currently Amended) A display device displaying a color image made of a plurality of color components, comprising:

a plurality of pixels for each of the color components; and

a  $\gamma$ -correction voltage switching circuit outputting  $\gamma$ -correction voltages that are generated independently for each of the color components,

wherein the pixels are configured to sequentially receive  $\gamma$ -corrected display signals for each of the color components at different timings of a time sequence for displaying the color image ~~depending on the color components and the display signals are corrected by the corresponding  $\gamma$ -correction voltages prior to the reception by the pixels.~~

2. (Currently Amended) A display device displaying a color image made of a plurality of color components, comprising:

a plurality of pixels for each of the color components;

a plurality of DA converters, each of the DA converters outputting a voltage to a predetermined number of the pixels;

a  $\gamma$ -correction voltage switching circuit correcting the voltages outputted to the pixels independently for each of the color components; and

a switching circuit provided for each set of the predetermined number of the pixels, the switching circuit receiving the voltage corrected by the  $\gamma$ -correction voltage switching circuit and outputted by the corresponding DA converter and sequentially supplying the  $\gamma$ -corrected voltage selectively to one of the set of the predetermined number of the pixels for each of the color components ~~depending on the color component of said one pixel at a timing of a time sequence different from timings corresponding to other color components.~~

3. (Original) The display device of claim 2, wherein the DA converter outputting the voltage as a voltage divided by a resistance string between a first reference voltage and a second reference voltage and the  $\gamma$ -correction voltage switching circuit modifies the first and second reference voltages.

4. (Currently Amended) The display device of claim 2, further comprising a ~~resister~~ register provided for each set of the predetermined number of the pixels, the ~~resister~~ register storing display signals corresponding to the color components and outputting the display signals in a time sequence corresponding to the time sequence of the switching circuit.

5. (Original) The display device of claim 3, wherein the  $\gamma$ -correction voltage switching circuit comprises a black reference voltage generating circuit outputting three different black reference voltages and a switching element outputting one of the three black reference voltages in response to a selection signal, and the first reference voltage comprises the output voltage of the switching element.

6. (Original) The display device of claim 3, wherein the  $\gamma$ -correction voltage switching circuit comprises a white reference voltage generating circuit outputting three different white reference voltages and a switching element outputting one of the three white reference voltages in response to a selection signal, and the second reference voltage comprises the output voltage of the switching element.

7. (Currently Amended) A  $\gamma$ -correction method of a display device displaying a color image made of a plurality of color components, comprising:

receiving display signals corresponding to the color components;

performing a  $\gamma$ -correction on the display signals independently for each of the color components; and

sequentially writing the  $\gamma$ -corrected display signals for each of the color components ~~at a~~  
~~timing of a time sequence for displaying the color image, the timings of the writing being~~  
~~different among the color components.~~